

Supplementary Material to “Human-SARS-CoV-2 interactome and human genetic diversity: *TMPrSS2-rs2070788*, associated with severe influenza, and its population genetics caveats in Native Americans”

Table S1-A – Twenty six biological and biomedical databases integrated by MASSA.

Category	Database	Link
Genomic Mapping and additional annotations	dbSNP	https://www.ncbi.nlm.nih.gov/snp/
Gene/Protein consequences	NCBI RefSeq UCSC Known Genes Ensembl Vega AceView CCDS	https://www.ncbi.nlm.nih.gov/refseq/ https://www.ncbi.nlm.nih.gov/pubmed/16500937 https://www.ensembl.org/ http://vega.archive.ensembl.org/ https://www.ncbi.nlm.nih.gov/IEB/Research/Acembly/ https://www.ncbi.nlm.nih.gov/CCDS/
Effect on Protein Function for non-synonymous single amino acid substitution	SIFT PolyPhen	https://sift.bii.a-star.edu.sg/ http://genetics.bwh.harvard.edu/pph/
Population Data	HapMap Consortium 1000 Genomes Project gnomAD	https://www.genome.gov/10001688/international-hapmap-project http://www.internationalgenome.org/ https://gnomad.broadinstitute.org/
Regulatory Elements	ENCODE Roadmap Epigenomics Ensembl Regulatory Build	https://www.encodeproject.org/ http://www.roadmapepigenomics.org/ http://www.ensembl.org/info/docs/funcgen/index.html
Phenotype and Disease Association	GAD COSMIC GWAS Catalog ClinVar PharmGKB	https://geneticassociationdb.nih.gov/ https://cancer.sanger.ac.uk/cosmic/analyses https://www.ebi.ac.uk/gwas/ https://www.ncbi.nlm.nih.gov/clinvar/ https://www.pharmgkb.org/
Non-coding Variation Scoring	CADD FitCons GWAVA ReMM	https://cadd.gs.washington.edu/ http://compgen.cshl.edu/fitCons/ https://www.sanger.ac.uk/sanger/StatGen_Gwava https://charite.github.io/software-remm-score.html
Pathway analysis	Reactome	https://reactome.org/
Biological/Clinical Interpretation	Cancer Genome Interpreter	https://www.cancergenomeinterpreter.org/